## Index of Claims

Application No.

10/023,889

Examiner

Applicant(s)

CANFIELD, WILLIAM M.

Art Unit

Christian L Fronda

1652

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

			_	_		_		_		_	j			_	Ц.,	-
Claim			Γ			_	_	_	Р	at		-	_	-		_
			Ä	4	_	Т			f	al	Ē	_		_	1	_
=	Original	ō	11/1/11	)		1	-		1							
Final	:	2	1				1									
1 "	5	5	1				-					1				
<u> </u>				L	_	L	4	_	1		_	1		L		
-	1 2 3 4 5 6 7 8		7	Ļ		L	4		L		L			L		
ļ	12		_	1		L	$\perp$								Г	
L	3		_/									Γ				
L_	4	_	1	1			1		Γ			Т			1	
	5		1				T		Г			1			T	_
	6		1	T			1		T		_	T		_	†	_
	7		_	T	П	-	+		T	7	_	t	┪		$\dagger$	_
	8	$\exists$		T		_	Ť	_	T	7		+	7	_	+-	_
	9	1	:	T		_	+	-	t	+	-	$^{+}$	+	-	╁	-
	10	1	+	H	1	_	+		$\vdash$	+	_	╁	+		+-	4
	9 10 11		+	┢	┪	_	+		┝	+	_	╁	+	_	-	i
-	12	+	+	┝	+	-	+	_	H	+		╀	4		-	4
	12	;+	+	$\vdash$	+	_	+	_	$\vdash$	+	_	+-	+		⊢	4
-	12 13 14 15 16 17 18	+	+	H	4		+	-	ļ	4		⊢	4	_	-	_
-	14	+	+	$\vdash$	4		+	_	L	4	_	1	1		<u> </u>	4
<u> </u>	1 15	4	$\perp$	_	4		1	_	_	4		L	4		L	4
	16	4	Ц	L	4		┺		_	1		L	1	_		
<u> </u>	17	1	Ц	_	4		L						┙			]
	18	1	IJ	<u>,                                     </u>	$\perp$		L					-				٦
	19 20 21 22	_\								Ţ		_	T			7
Ĺ	20		1		T		Г	7		Т			7			1
	21		П					٦		T		Г	1		_	1
[	22	T	П		T			T		T			$\dagger$	1		1
	23 24 25				+			7	_	+		_	十	7	_	1
	24	11	ヿ	_	T		1	+		$^{\dagger}$	_	_	†	$\dashv$	_	1
	25	11	7	_	Ť			+	_	۲	$\dashv$	_	+	+	-	1
	26	$\forall$	7	_	$^{+}$	-	Н	7	-	+-	+	_	+	7		┨
	27	#	$\forall$		+	-	٠.	+	_	+	-	_	╁	$\dashv$		1
	28	╫	+	-	╁	_		+	-	╁	$\dashv$	_	╀	+		1
	29	H	+	_	╁	-	_	+		╀	+		╁	+		ł
	20	₩	+	_	+	-		+		╀	4		┼-	4		
	30	₩	+	_	+	4		+		┞	4	_	1	4		1
	31	H	+	_	+	4		4	_	L	4		L	4	_	1
	32	$\sqcup$	4		1	_		1	_	L	$\downarrow$		L	$\perp$		
	33	H	$\downarrow$	_	L	4	_	1	_	L	4		L			
	34	$\sqcup$	1	_	L	_		1	_	L	$\perp$			$\perp$		
	35	Ц	$\perp$		L	4		L		L			L	$\prod$		
	36	Ц	$\perp$		L	$\perp$		L		Ŀ	$\int$	_		J		
	37	Ц		_	L	$\int$	_				J			1		
	38	П	$\perp$	_	Ĺ	I	_	Γ	I		T			T	$\neg$	
	39	Ц	$\prod$	_		T		Γ			T			+	$\exists$	
	40	Π	Τ			7		Γ		_	1	$\neg$		$\dagger$	$\exists$	
	41	П	T		Г	7		Τ			$\top$			$^{\dagger}$	$\dashv$	
	42	Ι .	T		Г	†	_	T	1	_	$\dagger$	+		+	ᅥ	
	43	1	T	7		1	_	1	1	_	$^{\dagger}$	1	-	+	┥	
	44	+	T			+	_	1	+	_	+	$\dashv$		+	$\dashv$	
$\neg$	45	+	$^{\dagger}$	7	_	$^{+}$		$\vdash$	+		+	+	-	+	+	
	46	Ť	†-	+	_	+		$\vdash$	+	-	+	4		+	$\dashv$	
$\dashv$	47	+	+	+		+	-	$\vdash$	+		+	+	_	+	$\dashv$	
+	48	÷	╁	+	_	+		H	+		+	+		+	4	
-+	49	+	+	+		+	-	_	+	_	+-	4	_	+	4	
		٨	+	+		+	_		+	_	1	+		↓_	4	
	50	ĽΨ	L	$\perp$		上		_	$\perp$		L					

	Claim	T			Г	ate			
			T	Т	ΙĪ		Т		$\neg$
7	Original	7	3		1 1	1	- 1		
1	<u> </u>	1	Ŧ						
-	-   ō	13	₹						
-	51	N	+	╁-	$\vdash$	-+	-	+	
-	52	-\*	+-	⊢	$\vdash$ $\dashv$	-	4	4	+
-	53	++	+-	-	-+	-+	$\perp$	_	+
-	53	+	╀	-		-+	$\perp$	4	
<u> </u>	54 55	++	-			_	4	4	4
<u> </u>	55	+	<del> </del>	-		_	$\perp$	_	$\perp$
-	56	++	╄		$\perp$	-4	_	4	
-	57	++	<b>⊢</b>	$\vdash$	_	4	4	_	ᆚ
-	58	#	<u> </u>		_	_	$\perp$	4.	
-	59	44			_	_	_	_  _	
-	60	++	-	4	_	4	4		$\perp$
$\vdash$	61	#	Щ		4	_	$\perp$	$\perp$	L
-	62 63	#	Ш			$\perp$	$\perp$		
-	63	$\sqcup$		$\sqcup$			$\perp$	$\perp$	
<u> </u>	64	11	$\sqcup$	$\bot$			$\perp$	$\perp$	$I^{-}$
	65 66	M	Ш	$\perp$			$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	$oxed{\Box}$
	66	$oxed{oxed}$		$\Box$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$		$oxed{\Box}$		1
L.	67					T		1	Τ
L	68			$oldsymbol{ol}}}}}}}}}}}}}}}$			Ţ		T
	69								$\top$
ļ	70					$oxed{T}$			T
	71 72							$\top$	T
<u> </u>	72							T	1
<u> </u>	73		_			$\perp$		Ι	
<b> </b>	74		4	_	$\perp$				
<u> </u>	75		_	4			L.		
	76		_	_		$\perp$		L	
-	77		_	_		┸			
<u> </u>	78	4	$\perp$	$\perp$			L		
<u> </u>	79	- 4	_	$\perp$	_	$\perp$	_	L	
	80	$\dashv$		$\perp$			_	_	
-	81	_	-4-	$\perp$		$\perp$	<u>L</u>		
<u> </u>	82	$\dashv$	_	$\perp$	1	$\perp$	1_		
<b>—</b>	83	_	$\perp$	$\bot$	_	$\perp$	<u> </u>	Ш	
-	84	$\dashv$	_	$\perp$	4	↓_	_	<u>L</u>	
<b> </b>	85	-+	_	$\perp$	$\perp$	1	<u> </u>		
<b>-</b> -	86	-	-+	- -	_	4	_		$\sqcup$
	87	+		+-	+-	↓_	<u> </u>		
-	88	+	-	+-	4_	$\vdash$			_
-	89	+	+	-			Щ	_	
	90	+	+	+	+	⊢		_	_
$\vdash$	91 92		+	+	+-	-	$\sqcup$		_
	93			+-	╁-	-		_	
<u> </u>	94	+	+	+-	-	<u> </u>			$\Box$
	95	+	+-	+	+-	-	_	4	$\dashv$
<del>  </del>	96		+	+-	+-			$\dashv$	_
<del></del>	97	+	+	+-	<del>  -  </del>	$\sqcup$		+	
	98	+	+	+	<del> </del>			4	_
$\vdash$	99	+-	+-	+	$\vdash$	$\vdash \vdash$	-+	_	_
+	100	+	+-	+	-	$\vdash$		_	_
	100			1_	$\perp$		$\perp$		

Claim			Date														
		_	Γ	_	Г			_	Ĭ	T	_	Т	-	Γ	7	_	
7		2														-	
اً ا	L	<u> </u>					1		ı		1					1	
-		)					1				1						
$\vdash$	10	)1	_	H	-	-	+	_	+		+	-	╁	-	_	+	
H	10	2	-	H	_		+	_	+	_	+	-	╁	-	_	+	
<u> </u>	10	13	_	-	+	_	+		+		+	_	⊢	-		+	
	10	14	-	H	1	_	+	-	+		$^{+}$		┝	$\dashv$		+	
┢	10	5	-	Ι-	+		+	_	+	_	+	_	┝	4	_	+	
	10	6	-	-	+	_	+		+		+		┞	4		+	
_	10	7	_		+	-	+	-	+		+	-	H	+		+	
	10	8	7	_	+		+	-	+	_	+	_	-	+	_	+	-
	10	9	$\exists$	_	+	-	$^{+}$	-	+		+		H	+	_	╀	_
	11	ă	-	_	+	_	+	-	+		+	_	-	+	_	╀	_
	11	1	-	_	+		t	-	t		╁	_	_	+	_	╀	$\dashv$
	11.	핡	$\dashv$	-	+	_	+	-	t	_	╁		-	+	_	╀	-
_	11	<del>-</del> +	-+	-	+	-	+	-	╁	_	╁		_	+		╀	
	11.	4	$\dashv$		$^{+}$	-	╁		+	_	╀		_	+	_	╀	$\dashv$
	11 11 11:	5	-	_	+	-	+	_	╀		╀	-		+	_	Ł	$\dashv$
_	110	<del>6</del>	$\dashv$	_	t		╁	_	╁		╀			+		_	4
	110	<del>}</del>	+	-	╀	_	╁	-	╀	_	-	4		+		L	긕
	118	-	$\dashv$	_	╀	_	╀	_	H	_	┝	-		+		-	4
	119	3	+	_	╀	_	-	_	H		L	4		+		L	4
	120	+	+	_	╀	_	┞		┞	_	L	4		+	_	L	4
	120	<del>'</del> +			ł	-	┞		L	_	-	+		ļ	_	L	4
	122	<del>,</del>	+	_	H		H	_	-	_		4	_	Ļ	_		4
_	123	-	$\dashv$	_	⊦	_	H	_	L	4	_	4	_	Ļ	4	_	4
	120	}	+	_	H	_	L	_	_	4	_	4		L	4	_	4
	124 125	+	+		L		L	-	_	4		4		Ļ	4	_	4
	126	<u>'</u>	+	-	L	_	L.	$\perp$	_	4	_	+	_	Ł	4		4
	127	;	+	-	L	-	_	4	_	4	_	+		L	4		4
_	127 128 129	+	+	-	L	-		-		+	_	+		L	4	_	4
	120	-	+	$\dashv$	_	4	_	4	_	4	_	+	_		4		4
	129	+-	+	-	_	-	_	4	_	+	_	+	_	L.	4		4
	130 131	+	+-	4	_	4		4		4	_	+	_	L	4		1
	132	+	+	$\dashv$	_	4	_	4		-	_	+	4	_	4		1
	133	+	+	4	_	+		4	_	4	_	4-	-	_	4		1
	134	+	+	4	_	4		4	_	4		╀	4	_	4		4
	135	+-	+	+	_	+		+		+	_	╀	4	_	+		1
	136	╀	╀	4	_	+		4	_	+	_	1-	4	_	4		4
	137	+	╀	+	_	+		+	_	+		1	4	_	$\perp$	_	-
	138	+-	+-	+	_	+	_	4	_	+	_	╀	4	_	4		4
	139	+	╁	+	-	+	_	+	_	4		╀	4		-		1
	140	╁	+	+	_	+	_	+	_	+		L	4		+	_	
_	141	╁	+	+	_	+	_	+	_	+	_	$\vdash$	4		+	_	
	142	+-	+	+	-	+		+	_	+	_	$\vdash$	+		+	_	
	143	-	+-	+	_	+		+		+	_	$\vdash$	+		+	_	
—	144	$\vdash$	╀	+	_	+	_	+	_	+		$\vdash$	+	_	$\perp$	_	
-	145	<del> </del>	⊢	+	_	+	_	+	_	1	_	L	+	_	-		
-	146	-	-	+		+	_	H		L	_	_	+		Ļ	_	
	147	$\vdash$	-	+	_	╀	_	L	-	1	_	L	+	_	$\vdash$	4	
$\dashv$	147	-	$\vdash$	+		+	_	$\vdash$	_	L	4	_	+	_	1-	4	
- +	148	-	-	+	_	1		L		L	4	_	1		L	4	
$\dashv$	149		<u> </u>	+		1	_	L		L	4	_	1	_	-	4	
	150					L		L		L					L.	1	